

ABSTRACT

The invention relates to an oscillation generating device for use in a soil compacter with a tipping moment compensation device. A second unbalance shaft pair with oppositely rotating unbalance shafts is arranged adjacent to a first unbalance shaft pair as a tipping moment compensation device. Diagonally opposite unbalance shafts rotate in the same direction. In this way, centrifugal forces and torques on the two unbalance shaft pairs reciprocally cancel each other out so that no tipping moment occurs parallel to the axes of rotation of the unbalances.